

ABSTRACT OF THE DISCLOSURE

Even if a look-up service cannot be searched,
services of a service provider can be used while
consumption of resources is suppressed. A client
5 issues a multi cast notification if the look-up service
cannot be searched. In response to the multi cast
notification, the service provider issues a service
register request (transmission of a service object) to
the transmission originating client. The client
10 temporarily stores the received service object in a
memory. A service object not coincident with the
attribute information of a desired service is deleted
from the memory, and the desired service is used by
using an agent object coincident with the attribute
15 information of the desired service. A service search
request from another client responding to the multi
cast notification is rejected.

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